446268

OIL FLOW RATE CALCULATIONS-TANK MEASUREMENTS

OEC—871-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR)	PAGE	OF
DST#6	TWO	BASS STRAIT	12APR86	1	1

CUSTOMER	WELL NAME OR NUMBER	STO GRAVITY (API) @ 60 °F	STANDARD CONDITIONS
AMOCO AUSTRALIA PETROLEUM CO.	PELICAN #5	57.40	14.73 PRESS. 60 TEMP.

TANK # 1 CAPACITY (BBLS)	TANK # 1 INSIDE DIMENSIONS (INCHES)	BBLS PER INCH FOR TANK # 1	TANK # 2 CAPACITY (BBLS)	TANK # 2 INSIDE DIMENSIONS (INCHES)	BBLS PER INCH FOR TANK # 2
100	1	1	0		1

	DAY / TIME (24 HR. CLOCK)	FLOW TIME (HOURS)	TANK USED (1 OR 2)	FIELD OIL TANK READINGS (INCHES)	INCREASE IN TANK READINGS SINCE LAST READING (INCHES)	VOLUME BY TANK SINCE LAST READING V_t (BBLS)	TANK TEMP. (° F)	k FROM ASTM TABLES	BSW (%)	CORRECTED OIL VOLUME $V_o = V_t k (1-BSW/100)$ (STO BBLS)	CORRECTED OIL FLOW RATE Q_o (STO BPD)	CORRECTED GAS FLOW RATE FROM GAS FLOW RATE CALC FORM Q_g (MSCF/D)	X GOR (MSCF/STO BBL) / OGR (STO BBL/MMSCF)	
1	12 0300	3.81	1	18.50	10.50	10.5	60	0.9999	70.00	3.14	302.3	5657.23	18.707	1
2	12 0315	4.06	1	29.50	11.00	11.0	60	0.9999	65.00	3.84	369.5	5529.91	14.961	2
3	12 0330	4.31	1	41.00	11.50	11.5	60	0.9999	55.00	5.17	496.7	5465.14	11.000	3
4	12 0345	4.56	1	52.50	11.50	11.5	60	0.9999	65.00	4.02	386.3	5491.18	14.211	4
5	12 0400	4.81	1	64.00	11.50	11.5	60	0.9999	60.00	4.59	441.5	5529.91	12.522	5
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